



# Nerve Agent Antidote Kit Quick Guide

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## Indications for Use

In the event of exposure to a known or a suspected WMD Chemical Agent, responders should withdraw immediately from the area if possible. Withdrawal should be made with the realization that the responder may be contaminated and should be limited to the nearest fresh-air site avoiding contamination of bystanders or other responders.

## Signs and Symptoms

### Mild Signs and Symptoms:

- Blurred vision, miosis
- Excessive, unexplained teary eyes
- Excessive, unexplained runny nose
- Increase salivation such as sudden drooling
- Chest tightness or difficulty breathing
- Tremors throughout the body or muscular twitching
- Nausea and/or vomiting
- Unexplained wheezing, coughing or increase airway secretions
- Acute onset of stomach cramps
- Tachycardia or bradycardia

### Severe Signs and Symptoms, any of the mild symptoms plus:

- Strange or confused behavior
- Severe difficulty breathing or copious secretions from lungs/airway
- Severe muscular twitching and general weakness
- Involuntary urination or defecation
- Convulsions
- Unconsciousness

## Treatment

### Mild Symptoms

- **First Dose:** In the situation of **known or suspected organophosphorous poisoning**, administer one (1) DuoDote™ injection into the mid-lateral thigh if the responder experiences **two or more MILD symptoms** of nerve gas or insecticide exposure.
- Wait 10 to 15 minutes for DuoDote™ to take effect. If, after 10 to 15 minutes, the responder does not develop any of the SEVERE symptoms listed above, no additional DuoDote™ injections are recommended, but definitive medical care must be sought immediately.
- **Additional Doses:** If, at any time after the first dose, the responder develops any of the **SEVERE** symptoms listed above, administer **two (2)** additional DuoDote™ injections in rapid succession, and immediately seek definitive medical care.

### Severe Symptoms

- If a patient has any of the **SEVERE** symptoms listed above, immediately administer **three (3)** DuoDote™ injections into the patient's mid-lateral thigh in rapid succession, and immediately seek definitive medical care.
- **No more than three doses of DuoDote™ should be administered unless definitive medical care (e.g., hospitalization, respiratory support) is available.**
- Emergency care of the severely poisoned individual should include removal of oral and bronchial secretions, maintenance of a patent airway, supplemental oxygen, and, if necessary, artificial ventilation. An anticonvulsant such as diazepam may be administered to treat convulsions if suspected in the unconscious individual. The effects of nerve agents and some insecticides can mask the motor signs of a seizure.
- Close supervision of all severely poisoned patients is indicated for at least 48 to 72 hours.



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## Instructions for the Use of the DuoDote™ Auto-Injector

**IMPORTANT: Do Not Remove Gray Safety Release until ready to use.**

**CAUTION: Never touch the Green Tip (Needle End)!**

1)	<ul style="list-style-type: none"> <li>• Tear open the plastic pouch at any of the notches.</li> <li>• Remove the DuoDote™ Auto-Injector from the pouch.</li> <li>• Place the DuoDote™ Auto-Injector in your dominant hand.</li> </ul>	
2)	<ul style="list-style-type: none"> <li>• Firmly grasp the center of the DuoDote™ Auto-Injector with the <b>Green Tip</b> (needle end) pointing down.</li> <li>• With your other hand, pull off the Gray Safety Release, taking care never to touch the <b>Green Tip</b>.</li> <li>• Keep fingers clear of both ends of the auto-injector.</li> <li>• You are now ready to inject.</li> </ul>	
3)	<ul style="list-style-type: none"> <li>• The injection site is the mid-outer thigh area.</li> <li>• You <u>can</u> inject through clothing, but make sure that pockets are empty</li> <li>• Swing and firmly push <b>Green Tip</b> straight down (at a 90° angle) against mid-outer thigh, continuing to push firmly until you feel the auto-injector trigger</li> <li>• After the DuoDote™ Auto-Injector triggers, hold it firmly in place against the injection site for 10 seconds</li> </ul>	
4)	<ul style="list-style-type: none"> <li>• After injecting, remove the DuoDote™ Auto-Injector from thigh and inspect the Green Tip; if the needle is visible, then the injection was successful</li> <li>• If the needle is not visible, make sure the Gray Safety Release is removed and repeat the preceding injection steps</li> <li>• Push the exposed needle against a hard surface until it bends back, then put the used auto-injector back in the plastic pouch</li> <li>• Keep used auto-injector(s) with the responder so other medical personnel will be aware of how many injections were administered</li> <li>• Immediately move away from the contaminated area, decontaminate skin and clothing, and seek definitive medical treatment.</li> </ul>	